QUICK INSTALL GUIDE
GRAND FLAGSTONE

Your safety is important to us. When appropriate, please follow OSHA guidelines and utilize safety toe boots, hard hats and gloves, as well as eye, ear, and respiratory protection.

For more detailed information on Grand Flagstone, visit our Technical Guide at www.highformat.com or contact HIGH FORMAT® technical support.

TOOLS AND SUPPLIES

Required:

- **Plate Compactor**
- **Shovel**
- **Rake**
- **Level**
- **Low Profile Paver Restraint**

Optional Tools:

- **Cut Off Saw**
- **Dead Blow Hammer**
- **Screen Rails and Screed Board**
- **Geotextile Fabric**

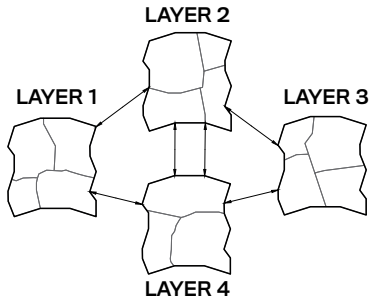
INSTALLATION TIPS

- Patterns: Follow our simple layout patterns to create patios and walkways.
- Viewing Perspective: In a patio layout, place Grand Flagstone at a 45 degree angle from the most common viewing perspective. This will eliminate the appearance of long, unbroken seams.
- Pallet Orientation: Orientate the pallet in the same direction as your walkway or patio layout. This will ensure the easiest transfer of product from the pallet to the ground.
- Project Efficiency: Remove flagstone pieces from the pallet only as needed. This will ensure that the patterns do not get mixed up on the jobsite.
- Blend Multiple Pallets: In order to achieve the best possible color blend, utilize material from multiple pallets simultaneously (when applicable).
- Borders: A cut-off saw can be used to create straight or curved borders if desired. (Use proper safety equipment)
- Load Limits: Unlike a typical paver installation, do not run a plate compactor across the surface of Grand Flagstone. Excessive force can crack the flagstone surface. Grand Flagstone is not suitable for vehicular traffic.
- Broken Pieces: Due to the natural "random" shape of Grand Flagstone, broken pieces can be utilized by simply expanding the broken joint to approximately 3/8".

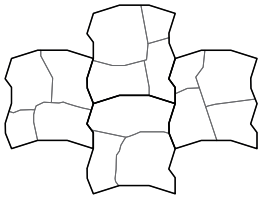
Do not use de-icing salts on Grand Flagstone Pavers. Use of de-icing salts can damage the paver surface and will void the product warranty.

INTERLOCKING LAYERS

COMMON POINTS



PROPER PLACEMENT



Note: Outside dimensions of each layer are identical to all other layers, allowing any layer to be substituted anywhere in the pattern.

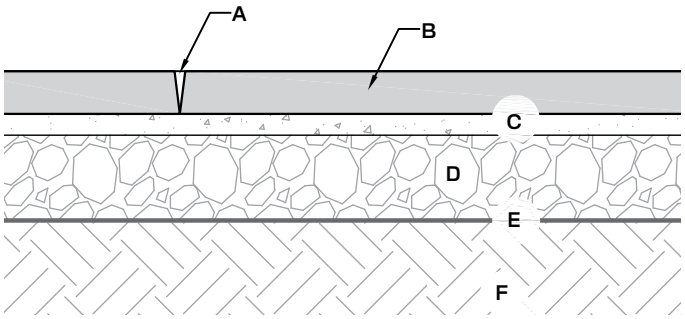
Nominal 3/8" joint built-in

GENERAL NOTES FOR GRAND FLAGSTONE SECTION

This page shows a typical detail for Grand Flagstone.

- This drawing is for preliminary reference only (not for final construction).
- Final designs for construction must be prepared by a registered professional engineer using the actual conditions of the proposed site and loads.
- Block size and placement shown are for reference only, individual blocks vary with installation pattern.
- Section shown is the minimum recommendation for pedestrian loading. Projects with heavier loads or sites with poor soil conditions may require thicker gravel base, concrete curb edge restraint, and/or sand subbase.
- Provide adequate surface drainage to prevent ponded water.

TYPICAL RESIDENTIAL INSTALLATION



A. Polymeric jointing sand between slabs (± 3/8" wide)

B. Grand Flagstone Slabs (1.75" thick)

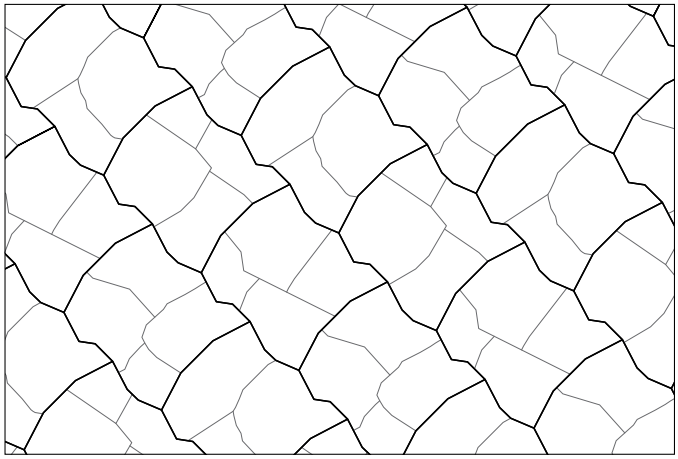
C. Bedding sand (ASTM C33 Fine Aggregate) 1" thick

D. Dense graded aggregate base (ASTM D2940) min. 4" thick, compacted

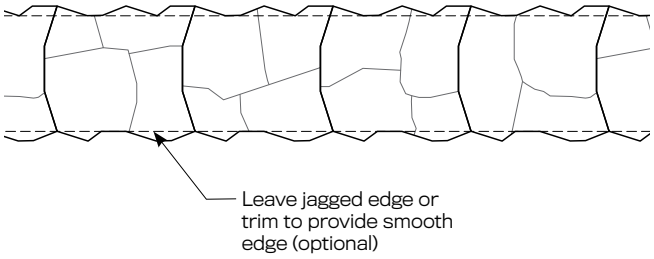
E. Woven geotextile (optional)

F. Suitable, compacted subgrade

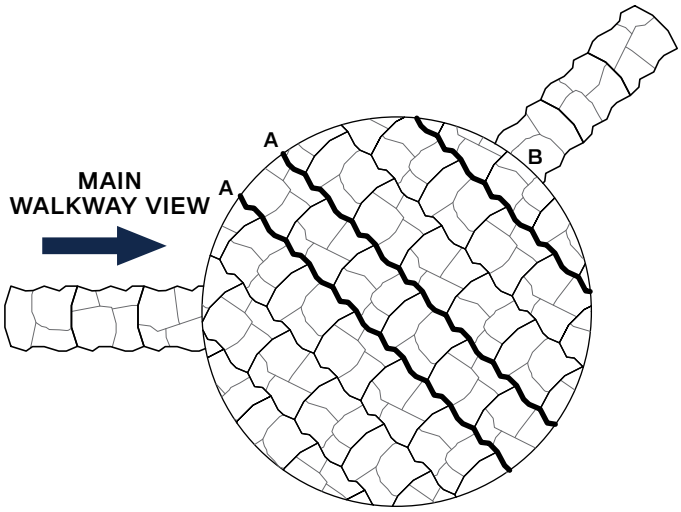
PATTERNS – PATIO



WALKWAY



LAYOUT ORIENTATION



A. Long, unbroken lines caused by seam between layers oriented at 45° angle from main view

B. Long, unbroken lines caused by seam between layers oriented as close to 45° angle from secondary view as possible.